

Application of Brown - Serial No. 09/246,784

configured to generate a data signal representing the at least one characteristic;

a transmitter coupled to the sensing circuit and configured to wirelessly transmit the data signal;

a receiver configured to wirelessly receive the data signal;

B1
com a storage device configured to store a characteristic of [each] at least one of a plurality of past weather conditions;

a processor coupled to the receiver and the storage device and configured to generate a prediction of a potential local weather condition, the prediction being based on the data signal received by the receiver and at least one of the characteristics of the weather conditions stored in the storage device; and

an indicating circuit configured to indicate the prediction.

11 24. (Amended) A portable weather analyzing and reporting station comprising:

a first housing including:

a sensing circuit configured to sense at least one characteristic of local weather conditions, and further configured to generate a data signal representing the at least one characteristic, and

B2 a transmitter coupled to the sensing circuit and configured to wirelessly transmit the data signal; and

a second housing including:

a receiver configured to wirelessly receive the data signal,

a storage device configured to store a characteristic of at least one of a plurality of past